

What is claimed is:

1. A pneumatic tire comprising an adhesive sealant layer in a region corresponding to at least a tread portion on the inner side of the tire, wherein the adhesive sealant layer is constituted from a rubber composition containing a rubber component to be decomposed by peroxide and 0.2 to 20 parts by weight of peroxide per 100 parts by weight of the rubber component, and fibrillated short fibers with an average length of 100 to 5000 μ m are mixed and scattered in the layer.

2. The pneumatic tire according to claim 1, wherein an inner liner layer is provided on the inner side of the tire, the adhesive sealant layer is disposed on an inner side of the inner liner layer, and a cover sheet rubber layer is disposed on an inner surface of the adhesive sealant layer.

3. The pneumatic tire according to any one of claims 1 and 2, wherein the adhesive sealant layer is formed by simultaneously performing decomposition of a rubber composition constituting the adhesive sealant layer and vulcanization of other constituent components of the tire.

4. The pneumatic tire according to any one of claims 1, 2 and 3, wherein the short fibers have a cross section of a sea-island structure made from at least two kinds of polymers.

5. The pneumatic tire according to any one of claims 1, 2 and 3, wherein the short fibers have a cross section of a sea-island structure made from a polyvinyl alcohol polymer (A) and a water-insoluble polymer (B), and have a weight ratio (A)/(B) of 90/10 to 80/20.